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=> s (implant) and (drug delivery) and coat?

1 FILES SEARCHED...

L1 6050 (IMPLANT) AND (DRUG DELIVERY) AND COAT?

=> s l1 and (choline methacrylate)

L2 2 L1 AND (CHOLINE METHACRYLATE)

=> d l2 1-2 ibib abs

L2 ANSWER 1 OF 2 USPATFULL on STN

ACCESSION NUMBER: 2004:254059 USPATFULL

TITLE: **Coated** implants

INVENTOR(S): Hughes, Laurence Gerald, Surrey, UNITED KINGDOM

Vick, Terrence Albert, Surrey, UNITED KINGDOM

Wang, Jin Hai, Surrey, UNITED KINGDOM

PATENT ASSIGNEE(S): BIOCOPATIBLES UK LIMITED (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004197585	A1	20041007
APPLICATION INFO.:	US 2003-700548	A1	20031105 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-937224, filed on 24 Sep 2001, GRANTED, Pat. No. US 6746686 A 371 of International Ser. No. WO 2001-GB281, filed on 24 Jan 2001, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2001-300509	20010124
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SUGHRUE MION, PLLC, 2100 PENNSYLVANIA AVENUE, N.W., SUITE 800, WASHINGTON, DC, 20037	
NUMBER OF CLAIMS:	55	
EXEMPLARY CLAIM:	CLM-01-38	
NUMBER OF DRAWINGS:	12 Drawing Page(s)	
LINE COUNT:	1052	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An **implant**, usually a stent, has a **coating** of a cross-linked water swellable polymer matrix preferably having a dry thickness of at least 0.1  $\mu$ m, and a pharmaceutically active compound, the polymer having pendant cationic and pendant zwitterionic groups. The active is usually an anionic compound such as a nucleic acid. The polymer is preferably formed from 2-methacryloyl-oxoethyl-2'-trimethylammoniummethyl phosphate inner salt, trialkylammoniumalkyl(meth)acrylate and a cross-linkable monomer such as  $\omega$ -(trialkoxysilyl)alkyl(meth)acrylate, optionally with a

termonomer such as a higher alkyl (meth)acrylate. The stent is coated with polymer, cross-linked then contacted with a solution or dispersion of active compound in a solvent which swells the polymer whereby the active is absorbed into the polymer matrix. The stent is delivered by usual means into a body lumen and the actives released over an extended period of time into the wall of the lumen and/or fluid flowing therein.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 2 OF 2 USPATFULL on STN

ACCESSION NUMBER: 2003:126745 USPATFULL  
 TITLE: Biocompatibles limited  
 INVENTOR(S): Hughes, Laurence Gerald, Surrey, UNITED KINGDOM  
 Vick, Terrence Albert, Surrey, UNITED KINGDOM  
 Wang, Jin Hai, Surrey, UNITED KINGDOM

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003086957	A1	20030508
	US 6746686	B2	20040608
APPLICATION INFO.:	US 2001-937224	A1	20010924 (9)
	WO 2001-GB281		20010124

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2001-300509	20010124
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Sughrue Mion Zinn Macpeak & Seas, 2100 Pennsylvania Avenue NW, Washington, DC, 20037-3202	
NUMBER OF CLAIMS:	38	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	12 Drawing Page(s)	
LINE COUNT:	986	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An **implant**, usually a stent, has a **coating** of a cross-linked water swellable polymer matrix preferably having a dry thickness of at least 0.1  $\mu$ m, and a pharmaceutically active compound, the polymer having pendant cationic and pendant zwitterionic groups. The active is usually an anionic compound such as a nucleic acid. The polymer is preferably formed from 2-methacyloyloxyethyl-2'-trimethylammoniummethyl phosphate inner salt, trialkylammoniumalkyl(meth)acrylate and a cross-linkable monomer such as  $\omega$ (trialkoxysilyl)alkyl(meth)acrylate, optionally with a termonomer such as a higher alkyl(meth)acrylate. The stent is **coated** with polymer, cross-linked then contacted with a solution or dispersion of active compound in a solvent which swells the polymer whereby the active is absorbed into the polymer matrix. The stent is delivered by usual means into a body lumen and the active is released over an extended period of time into the wall of the lumen and/or fluid flowing therein.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s l1 and (3(w0trimethoxysilyl)(w)propyl(w)methacrylate  
 MISSING OPERATOR '(3(W0TRIMETHO'  
 The search profile that was entered contains terms or  
 nested terms that are not separated by a logical operator.

=> s l1 and (3(w)trimethoxysilyl)(w)propyl(w)methacrylate)  
 UNMATCHED RIGHT PARENTHESIS 'THACRYLATE)'

The number of right parentheses in a query must be equal to the number of left parentheses.

```
=> s l1 and (3(w)trimethoxysilyl)(w)propyl(w)methacrylate
L3      2 L1 AND (3(W) TRIMETHOXYSILYL)(W) PROPYL(W) METHACRYLATE
```

```
=> s l3 and L2
L4      0 L3 AND L2
```

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coated implant and (choline methacrylate)

**Search**
☒ Journal sources
 ☒ Preferred Web sources
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 ☐ Exact phrase

Searched for:: :All of the words:coated AND implant and (choline AND methacrylate)

Found:: :150 total | **17 journal results** | **104 preferred web results** | **29 other web results**Sort by:: :relevance | date[Save checked results](#)[Email checked results](#)[Export checked results](#)☐ **1. POLYMER COMPOSITIONS FOR ADMINISTRATION TO ANIMALS**
**LEWIS, Andrew, Lennard / REDMAN, Richard, Paul / GARCIA, Pedro / BIOCOMPATIBLES UK LIMITED, PATENT COOPERATION TREATY APPLICATION, Apr 2004**

 ...PC polymers have been **coated** onto cross linked poly (methyl **methacrylate**) beads by solvent evaporation...1069-1077, 1990). Poly(methyl **methacrylate**) is not water-absorbent...salt) (SPE), with ethyl **methacrylate** and acrylamide, in an...

**Full text available at patent office. For more in-depth searching go to**  LexisNexis **and similar results**
☐ **2. ORTHOPAEDIC DEVICES**
**HABIB, Mariam / BROOKS, Roger, Audley / BONFIELD, William / LEWIS, Andrew, Lennard / STRATFORD, Peter, William / CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LTD, PATENT COOPERATION TREATY APPLICATION, Mar 2005**

 ...and US-A-2002/0165617, an orthopaedic **implant** has a surface carrying a coating comprising...with osteoblasts. : A new orthopaedic **implant** device according to the invention has...for instance 3-(trimethoxysilyl) propyl **methacrylate**. A surface adherent monomer is a compound...

**Full text available at patent office. For more in-depth searching go to**  LexisNexis **similar results**
☐ **3. Untitled [Word-4MB]**

Jul 2005

 ...SV - Diameters: 2.0, 2.25, **Choline coated** stainless-steel 2.5...Coronary BT058 Lekton Motion **Coated** flexible stent, Balloon mounted...30mm BT059 Astron Flexible **coated** stent, Nitinol, self- Diameter...EL028 Baxter Sterile Grafts, **Implants** & Carpentier-Edwards Classic...

[more hits from \[http://www.health.gov.au/internet/wcms/publishing.nsf/...\]](http://www.health.gov.au/internet/wcms/publishing.nsf/...)
[similar results](#)☐ **4. Synthesis and characterisation of cationically modified phospholipid polymers**
**Lewis, A.L. / Berwick, J. / Davies, M.C. / Roberts, C.J. / Wang, J.-H. / Small, S. / Dunn, A. / (...) / Jones, S.A., Biomaterials, Jul 2004**

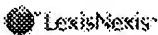

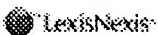


 ...over-excessive scarring around the **implant** (restenosis of the stented...19] . Lauryl (dodecyl) **methacrylate** (LMA), hydroxypropyl **methacrylate** (HPMA, mixture of

 Re  
us  
foi  
5-f  
aci  
act  
alk  
anl  
bio  
col  
imj  
ing  
inh  
in  
ligi  
mli  
mc  
pa:  
Or  
[Al  
F

isomers...Company and used as provided. **Choline methacrylate** (CMA, trimethylaminoethyl...substrate of interest dip **coated** at a speed of 3 mm s<sup>-1</sup>...

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- ☐ **5. APPARATUS AND METHOD FOR CONTROL OF TISSUE/IMPLANT INTERACTIONS**  
**MOUSSY, Francis / KREUTZER, Donald / BURGESS, Diane / KOBERSTEIN, Jeff / PAPADIMITRAKOPOULOS, Fotios / HUANG, Samuel / The University of Connecticut, EUROPEAN PATENT, Sep 2001**  
 ...generally to the field of **implants** for human and animal bodies...silicones, poly (acrylate), poly(**methacrylate**), hydrogels, and derivatives...layer functions to protect the **implant** and preserve its function...protein adsorption of the **implant**, and serve as a site for the...  
**Full text available at patent office. For more in-depth searching go to**  **LexisNexis**  
[similar results](#)
- ☐ **6. Phospholipid based polymer as drug release coating for cardiovascular device**  
**Xu, J.-P. / Ji, J. / Chen, W.-D. / Fan, D.-Z. / Sun, Y.-F. / Shen, J.-C., European Polymer Journal, Feb 2004**  
 ...from polymeric **coated implant** will concentrate...The stearyl **methacrylate** (SMA) monomer...2-dioxaphospholoyloxy ethyl **methacrylate** (OPEMA) which...that phosphoryl **choline** (PC) group can...from polymeric **coated implant** provides a new...  
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- ☐ **7. COATED IMPLANTS**  
**HUGHES, Gerald, Laurence / VICK, Terrence, Albert / WANG, Jin, Hai / BIOCOMPATIBLES LIMITED, PATENT COOPERATION TREATY APPLICATION, Jul 2001**  
**COATED IMPLANTS** The present invention relates to...**methacrylate** HPIVI: hydroxypropyl **methacrylate** - (70% 3-hydroxypropyl:30% 2 hydroxy...trimethoxysilyl) propylmethacrylate CM: **choline methacrylate** DMA: dimethylacrylamide The monomer...  
**Full text available at patent office. For more in-depth searching go to**  **LexisNexis**  
[similar results](#)
- ☐ **8. Analysis of cell aggregation in the culturing of cerebellar granule neurons**  
**Young, T.-H. / Hung, S.-H. / Hsu, J.-P., Chemical Engineering Science, Dec 2004**  
 ...phosphorylcholine-co-alkyl **methacrylate**)-**coated** polymers Journal of Biomedical...cell aggregation enhance **choline** acetyltransferase after neural...neurons in culture dished **coated** with synthetic polymer amines...biodegradable polylactide **implant** for neuronal transplantation...hemispheres on poly-lysine **coated** surfaces Journal of Cell...  
**Full text article available from**  **SCIENCE DIRECT**  
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- ☐ **9. Biological responses to cationically charged phosphorylcholine-based materials in vitro**  
**Rose, S.F. / Lewis, A.L. / Hanlon, G.W. / Lloyd, A.W., Biomaterials, Sep 2004**  
 ...the tissues surrounding the **implant** will differ, for example...to both the host and the **implant**. It is therefore necessary...achieved by incorporating the **choline methacrylate** moiety (CMA) into the PC...varying cationic charge. The **choline** content of the polymers was...Industrial Film Ltd., UK) were **coated** with the PC-based polymer...  
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- ☐ **10. COMPOSITIONS AND METHODS FOR COATING MEDICAL IMPLANTS**  
**HUNTER, William, L. / GRAVETT, David, M. / TOLEIKIS, Philip, M. / LIGGINS, Richard, T. / LOSS, Troy, A. E. / ANGIOTECH PHARMACEUTICALS, INC., PATENT COOPERATION TREATY APPLICATION, Dec 2003**  
 ...Within various 15 embodiments, the **implant** is **coated** in whole or in part with a

composition...embodiments, the desired therapeutic agent is **coated** on and/or released from the medical **implant** at a dosage and/or concentration which...comprising the step of introducing a medical **implant** into a patient which has been **coated** with an anthracycline, fluoropyrimidine...

**Full text available at patent office. For more in-depth searching go to**  **similar results**

☐ **11. COMPOSITIONS AND METHODS FOR THE INHIBITION OF BONE GROWTH AND RESORPTION**

**UHRICH, Kathryn, E. / HARTEN, Robert, D. / CHOE, Yun, H. / EAST, Anthony / GOODRICH, Stephen / HICKS, Michael, B. / KANAMATHAREDDY, Suseela / (...) / POLYMERIX CORPORATION, PATENT COOPERATION TREATY APPLICATION, May 2005**  
...composition, and articles such as a device, **implant** or dressing employing a monomer (s) that...controlled-release oral formulations **coated** with a non- therapeutic polymer. Many...untoward effects. Devices such as grafts, **implants**, and surgical and bone healing devices...composition and articles such as a device, **implant** and dressing, among others employing...

**Full text available at patent office. For more in-depth searching go to**  **similar results**

☐ **12. PLACENTAL STEM CELLS AND USES THEREOF**

**STROM, Stephen, C. / TOSHIO, Miki / UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, PATENT COOPERATION TREATY APPLICATION, May 2005**

...suggested that these cells may be **implanted** in patients and indeed grafts...that the AE cells express **choline** acetyltransferase mRNA and...bioartificial liver, which can be **implanted** into a subject to provide...onto a 20% (v/v) Matrigel\_ **coated** plate Figure 6 (B) shows immunohistofluorescent...15 days on Type-I collagen **coated** plates supplemented with dexamethasone...

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☐ **13. BIOABSORBABLE, BIOBENEFICIAL POLYESTER POLYMERS FOR USE IN DRUG ELUTING STENT COATINGS**

**HOSSAINY, Syed, F., A. / PACETTI, Stephen, D. / ADVANCED CARDIOVASCULAR SYSTEMS, INC., PATENT COOPERATION TREATY APPLICATION, Jan 2005**


...biomaterials when **implanted**. Current surfaces...typically acrylates or **methacrylates**. The general scheme...groups with acrylate or **methacrylate**. This gives rise to...embodiment uses phosphoryl **choline**-co-HEMA a biobeneficial...group is attached to a **methacrylate**. These polymers are...carboxylic acid groups. For **implant** use, polycarboxylic...

**Full text available at patent office. For more in-depth searching go to**  **similar results**

☐ **14. IMPLANT, METHOD OF MAKING THE SAME AND USE THEREOF FOR THE TREATING OF BONES DEFECTS**

**KAES, David / OSTEOTECH, INC., PATENT COOPERATION TREATY APPLICATION, Jun 2003**

**IMPLANT, ME:I'HOD OF' MAKING 1'HE: SAME ANI) USE THEREOF F'OR I'...**Field of the Invention The present invention relates to an **implant** for use in the repair, replacement and/or augmentation...skeletal systems, and to a method for manufacturing the **implant**. More particularly, this invention relates to an **implant**...

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☐ **15. HistCite - index: Journal of Hand Surgery American Edition [152K]**





Apr 2005

...VOLUME 26A(4):645-648 Hattori Y Doi K Ohi R Fukushima S Baliarsing AS Clinical application of intraoperative measurement of **choline** acetyltransferase activity during

functioning free muscle transfer 0 2 4293 1 15 4293 2001 JOURNAL OF HAND SURGERY-AMERICAN...

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- ❑ **16. APPARATUS AND METHOD FOR CONTROL OF TISSUE/IMPLANT INTERACTIONS**  
**MOUSSY, Francis / KREUTZER, Donald / BURGESS, Diane / KOBERSTEIN, Jeff / PAPDIMITRAKIPOULOS, Fotios / HUANG, Samuel / UNIVERSITY OF CONNECTICUT, PATENT COOPERATION TREATY APPLICATION, Jun 2000**  
 ...METHOD FOR CONTROL OF TISSUE/**IMPLANT** INTERACTIONS Background of...silicones, poly(acrylate), poly(**methacrylate**), hydrogels, and derivatives...layer functions to protect the **implant** and preserve its function...protein adsorption of the **implant**, and serve as a site for the...  
**Full text available at patent office. For more in-depth searching go to**  LexisNexis [similar results](#)
- ❑ **17. ELECTROPROCESSING OF MATERIALS USEFUL IN DRUG DELIVERY AND CELL ENCAPSULATION**  
**WNEK, Gary, E. / SIMPSON, David, G. / BOWLIN, Gary, L. / YAO, Li / KENAWY, El-Refaie / LAYMAN, John, M. / SANDERS, Elliot, H. / (...) / VIRGINIA COMMONWEALTH UNIVERSITY INTELLECTUAL PROPERTY FOUNDATION, PATENT COOPERATION TREATY APPLICATION, Oct 2003**  
 ...into the body. In these examples, the **implant** often contains the substance 15 and a...including, for example, diffusion from an **implant** or dissolution or other degradation of...delivery. With surgical and subdermal **implants**, for example, the substance to be delivered...  
**Full text available at patent office. For more in-depth searching go to**  LexisNexis [similar results](#)
- ❑ **18. Posters [184K]**  
 Jul 2004  
 ...NETWORKS BASED ON POLY(2-HYDROXYETHYL **METHACRYLATE**- co -ISOBUTYLENE) M. JANATA, L. TOMAN...of hydrophilic poly(2-hydroxyethyl **methacrylate**) (PHEMA) and hydrophobic polyisobutylene...radical copolymerization of HEMA with **methacrylate**-telechelic PIBs, e.g., MA-PIB-MA. 3...  
[\[http://www.imc.cas.cz/sympo/43micros/posters.htm\]](http://www.imc.cas.cz/sympo/43micros/posters.htm)  
[similar results](#)
- ❑ **19. MEDICAL DEVICE HAVING HYDRATION INHIBITOR**  
**CROMACK, Keith, R. / TONER, John, L. / ABBOTT LABORATORIES, PATENT COOPERATION TREATY APPLICATION, Mar 2004**  
 ...usually very fast initially when the **coated** device contacts body fluid or blood...S. Patent 6284305 describes elastomer **coated** 25 **implants** in which the elastomer overcoat controls...a drug. WO 0187372 describes a stent **coated** with a polymer loaded with a combination...  
**Full text available at patent office. For more in-depth searching go to**  LexisNexis [similar results](#)
- ❑ **20. PHARMACEUTICAL COMPOSITION HAVING CASING WITH MULTIPLE MICRO TABLETS**  
**GUPTA, Vinod, Kumar / VAYA, Navin / TORRENT PHARMACEUTICALS LIMITED, PATENT COOPERATION TREATY APPLICATION, Jun 2005**  
 ...release controlling agent(s), compression of **coated** core particles into micro tablets, optionally...agent(s) and then filling of two or more **coated** and/or uncoated micro tablets in a casing...heterogeneous matrix tablet or tablets **coated** with release controlling membrane. These...  
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Searched for:: :All of the words:coated AND implant and (choline AND methacrylate)

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- ☐ **21. ELECTROPROCESSING IN DRUG DELIVERY AND CELL ENCAPSULATION**  
**SIMPSON, David, G. / BOWLIN, Gary, L. / WNEK, Gary, E. / VIRGINIA COMMONWEALTH UNIVERSITY INTELLECTUAL PROPERTY FOUNDATION, PATENT COOPERATION TREATY APPLICATION, Apr 2002**

...into the body. In these examples, the **implant** often contains the substance and a carrier...including, for example, diffusion from an **implant** or dissolution or other degradation of...delivery. With surgical and subdermal **implants**, for example, the substance to be delivered...

**Full text available at patent office. For more in-depth searching go to** **LexisNexis** similar results

- ☐ **22. LOCAL ANESTHETIC, AND METHOD OF USE**  
**CHASIN, Mark / VAN BUSKIRK, Glen / MASKIEWICZ, Richard / KETKAR, Amol / BURTON, Kevin / SHAMEEM, Mohammed / LANDAU, Craig / (...) / LACOUTURE, Peter, PATENT COOPERATION TREATY APPLICATION, Aug 2002**

...local anesthetic dosage form may be injected, infiltrated, **implanted** or administered in any other fashion known to those skilled...a suitable liquid vehicle, or for administration as a solid **implant**. The term "Cm,," as it is used herein is the highest plasma...

**Full text available at patent office. For more in-depth searching go to** **LexisNexis** similar results

- ☐ **23. In Vivo 1H Magnetic Resonance Imaging and [PDF-36K]**  
 Dec 2001

...the apposition of the coil **implant**, and the muscle tissue was...vertebrae. Then the RF coil was **implanted** (see below) and the surgical...measurements. The coil system, **coated** with the biocompatible poly- mer, polymethyl-**methacrylate** (PMMA Cranioplastic, C.M...Ltd., Blackpool, UK), was **implanted** such that the coil was centered...

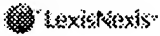
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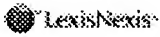
- ☐ **24. DRUG-COATED STENTS AND METHODS OF USE THEREFOR**  
**ZELDIS, Jerome, B. / CELGENE CORPORATION, PATENT COOPERATION TREATY APPLICATION, Jul 2004**

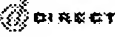
**DRUG-COATED STENTS AND METHODS OF USE THEREFOR** This application

 Re  
us  
fo  
5-f  
aci  
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ant  
bio  
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in  
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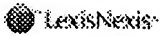
claims...disease, such as atherosclerosis or restenosis, comprising **implanting** into a patient in need thereof of a stent comprising an...preventing a cardiovascular or renal disease, comprising **implanting** a Stent of the Invention into a patient in need thereof...  
**Full text available at patent office. For more in-depth searching go to**  **LexisNexis**  
[similar results](#)

- ❑ 25. Neurotoxicity of Clostridium perfringens Epsilon-Toxin for the Rat Hippocampus via the Glutamatergic System -- Miyamoto et al. ... [98K]  
 Dec 2004  
 ...were dehydrated and mounted on gelatin-**coated** slides. The investigation was focused...the dural surface and secured with **methacrylate** glue and dental cement. One or two days following the **implant** surgery, the rats were briefly anesthetized...cannula was secured to the skull with **methacrylate** glue and dental cement. On the following...  
[\[http://iai.asm.org/cgi/content/full/66/6/2501\]](http://iai.asm.org/cgi/content/full/66/6/2501)  
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- ❑ 26. CROSSLINKABLE POLYMERIC MATERIALS AND THEIR APPLICATIONS  
**ASHMAN, Arthur / ASHMAN, Arthur, PATENT COOPERATION TREATY APPLICATION**, Sep 2004  
 ...the Bioplant HTR detailed below, an **implant** can be placed immediately post-extraction...Augmentation For Immediately Postext action **Implants: Eight-Year Retrospective Study, The...Conjunction with Immediate Hydroxyapatite Coated Dental Implants**, J. Periodontol., pages 679-685, May...  
**Full text available at patent office. For more in-depth searching go to**  **LexisNexis**  
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- ❑ 27. Polymeric biomaterials for tissue and organ regeneration  
**Seal, B.L. / Otero, T.C. / Panitch, A., Materials Science and Engineering: R: Reports**, Oct 2001  
 ...reconstruction. Examples include poly(methyl **methacrylate**) bone cement, poly(glycolic acid) degradable...half-life of some drugs. Poly(hydroxyethyl **methacrylate**) is used to create soft contact lenses...butylene terephthalate), (8) poly(methyl **methacrylate**), (9) poly(hydroxyethyl **methacrylate**...  
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- ❑ 28. Estudi morfològic i biomètric de diferents espècies d'insectívors i rosegadors  
**Lluch Margarit, Sara**, May 2004  
 Sestudien diferents aspectes relacionats amb les característiques anatòmiques, histològiques, ultraestructurals i morfomètriques de les estructures que formen l'òrgan de la visió de sis espècies dinsectívors (&lt;i>Sorex minutus, S. araneus, S. ...  
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- ❑ 29. NEBULIZER FORMULATIONS OF DEHYDROEPIANDROSTERONE AND METHODS OF TREATING ASTHMA OR CHRONIC OBSTRUCTIVE PULMONARY DISEASE...  
**LEONARD,, Sherry,A. / JOHNSON,, Keith, A. / EPIGENESIS PHARMACEUTICALS, INC., PATENT COOPERATION TREATY APPLICATION**, Feb 2004  
 This invention relates to a sealed container containing a powder formulation comprising a dehydroepiandrosterone, its analogue(s) or salt(s) by itself or with a pharmaceutically or veterinarily acceptable carrier or diluent, and having a particle size...  
**Full text available at patent office. For more in-depth searching go to**  **LexisNexis**  
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- ❑ 30. DIHYDRATE DEHYDROEPIANDROSTERONE AND METHODS OF TREATING ASTHMA OR CHRONIC OBSTRUCTIVE PULMONARY DISEASE USING COMPOSITIONS...  
**LEONARD, Sherry, A. / JOHNSON, Keith, A. / EPIGENESIS PHARMACEUTICALS, INC., PATENT COOPERATION TREATY APPLICATION**, Dec 2003  
 This invention relates to a powder formulation comprising a dihydrate dehydroepiandrosterone covalently bound to a sulfate, its analogue(s) or salt(s) by itself

and with a pharmaceutically or veterinarily acceptable carrier, and having a particle size...

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- ☐ **31. A DRY POWDER OLIGONUCLEOTIDE FORMULATION, PREPARATION AND ITS USES**  
**LEONARD, Sherry, A. / NYCE, Jonathan, W. / EPIGENESIS PHARMACEUTICALS, INC., PATENT COOPERATION TREATY APPLICATION, Dec 2003**

A formulation consisting essentially of an ligo(s) and bearing g reater than about 90% particles about 0.1 to about 1 or about 10 to about 50 in diameter. A dry powderformulation consisting essentially of an oligo of particle size about 0.1 to about...

**Full text available at patent office. For more in-depth searching go to**  LexisNexis<sup>®</sup>  
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- ☐ **32. Sterilization of bioactive coatings**  
**Timm, Debra A. / Hui, Henry K. / Roller, Mark B. / Melican, Mora C. / Hossainy, Syed / ETHICON, INC., EUROPEAN PATENT, Jan 2003**

...Long-Term Effects of Medical **Implants** , 2000 , 10 19-45) Typical...surface of cardiovascular **implants** (stents and pacemakers) or...such as heparin, phosphoryl **choline** (PC), urokinase, etc., are...which have been previously **coated** or surface modified. However...forming a coating on a medical **implant** or on a medical device including...polymethylmethacrylate, polyhydroxyethyl **methacrylate**, polyvinyl alcohol, polypropylene...

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- ☐ **33. Estudi de la vascularització cutània escrotal. Aplicació en cirurgia de reconstrucció uretral.**

**Carrera Burgaya, Ana, Jan 2004**

Lany 1997, Gil-Vernet va descriure la tècnica del penjall escrotal biaxial depilat (BAES-Flap) per là reconstrucció de les estenosis de la uretra masculina. El disseny daquest penjall, que seleva en la cara posterior de lescrot, centrat en la línia ...

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- ☐ **34. Expandable stent**  
**Penn, Ian M. / Ricci, Donald R. / Evysio Medical Devices Ulc, EUROPEAN PATENT, Jan 2001**

...improved flexibility and stability while being able to be readily **implanted** with little or no trauma to the target lumen. In our Canadian...would also be desirable if such a stent was relatively easy to **implant**. It would be further desirable if such a stent were capable...

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- ☐ **35. COMPOSITIONS OF A COMBINATION OF RADIOACTIVE THERAPY AND CELL-CYCLE INHIBITORS**

**HUNTER, William, L. / LIGGINS, Richard / ANGIOTECH PHARMACEUTICALS, INC., PATENT COOPERATION TREATY APPLICATION, May 2001**

...formed of, or further comprised of (e.g., **coated** with) a carrier such as an ointment, liposome...inhibitors are chemically linked to or **coated** on the radioactive suture. Within other...inhibitor is one of chemically linked to or **coated** on the wire. Within related embodiments...

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- ☐ **36. METHODS AND DEVICE COMPOSITIONS FOR THE RECRUITMENT OF CELLS TO BLOOD CONTACTING SURFACES**

**LUDWIG, Florian / SHARKAWY, A., Adam / VENTRIGRAFT, INC., PATENT COOPERATION TREATY APPLICATION, May 2003**

...in the development of blood contacting **implant** surfaces 10 is to overcome the risk of...of a cross- linked polymeric compound **coated** onto the blood contacting surface of the support member and a second layer **coated** on the first layer, the second layer...surface of the graft prosthesis or medical **implant**. Subsequently, the differentiation of...

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☐ **37. POLYMER COMPOSITIONS AND METHODS FOR THEIR USE**

**HUNTER, William, L. / GRAVETT, David, M. / TOLEIKIS, Philip, M. / MAITI, Arpita / LIGGINS, Richard, T. / TAKACS-COX, Aniko / AVELAR, Rui / (...) / ANGIOTECH INTERNATIONAL AG, PATENT COOPERATION TREATY APPLICATION, Jun 2005**

...adhesion, surface coatings for synthetic **implants**, and drug delivery. More recent developments...to a site in the body, or a site on an **implant**. For example, the compositions of the...present invention provides a method for **implanting** a medical device comprising: (a) infiltrating...

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☐ **38. POLYMER COMPOSITIONS AND METHODS FOR THEIR USE**

**HUNTER, William, L. / GRAVETT, David, M. / TOLEIKIS, Philip, M. / MAITI, Arpita / LIGGINS, Richard, T. / TAKACS-COX, Aniko / AVELAR, Rui / (...) / ANGIOTECH INTERNATIONAL AG, PATENT COOPERATION TREATY APPLICATION, Jun 2005**

...adhesion, surface coatings for synthetic **implants**, and drug delivery. More recent developments...to a site in the body, or a site on an **implant**. For example, the compositions of the...present invention provides a method for **implanting** a medical device comprising: (a) infiltrating...

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☐ **39. Combined interaction of phospholipase C and apolipoprotein A-I with small unilamellar vesicles in the context of gallstone ...**

**Gudheti, Manasa V., Jan 2004**

...PLC kinetics in model bile systems [1]. Figure 4.1 shows the DAG generation profiles. k1 k2 Lecithin + PLC {Lecithin---PLC} **Choline** + DAG + PLC (1) k1- DAG + PLC {DAG---PLC} k3 (2) d[Lecithin] dt = +M [PLC 2 K - ][Lecithin]k (3) [Lecithin] 3[DAG][PLC]d [PLC...

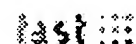
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☐ **40. ANTIMICROBIAL COMPOSITIONS CONTAINING COLLOIDS OF OLIGODYNAMIC METALS**

**TERRY, Richard, N. / BRACKEN, Ronald, L. / LIEBMANN, Vern, L. / C.R. BARD, INC., PATENT COOPERATION TREATY APPLICATION, Mar 2004**

...are not suitable for use with medical **implants**, such as catheters, stems, and cannulae...to be noticeable to the touch on the **coated** surface. Articles produced using such...manufacturing step to the fabrication of a **coated** device. In addition to these 15 disadvantages...which are similar to the substrate to be **coated**, pretreating the surface of the substrate...

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coated AND implant and (choline AND methacrylate)

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- ☐ **41. Identification of protein interaction between the Drosophila Runx1 transcription factor lozenge and ETS-1 factor Pointed using ...**  
**Singh, Shalini.**, Jan 2004  
 Thesis (M.S.)--Duquesne University, 2004. Title from document title page. Abstract included in electronic submission form. Includes bibliographical references (p. 76-88) and abstract.  
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- ☐ **42. BIOINTERFACE MEMBRANES INCORPORATING BIOACTIVE AGENTS**  
**CARR-BRENDEL, Victoria / TAPSAK, Mark / MARKOVIC, Dubravka / DEXCOM, INC., PATENT COOPERATION TREATY APPLICATION**, Mar 2005  
 ...sensing devices. These types include those that are **implanted** intravascularly and those that are **implanted** in tissue. With reference to conventional devices that can be **implanted** in tissue, a disadvantage of these devices is that...  
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- ☐ **43. USES OF INTERFERONS FOR THE TREATMENT OF SEVERE ACUTE RESPIRATORY SYNDROME AND OTHER VIRAL INFECTIONS**  
**PESTKA, Sidney / LAVOIE, Thomas, B. / CLARK, William, A. / PESTKA BIOMEDICAL LABORATORIES, INC., PATENT COOPERATION TREATY APPLICATION**, Mar 2005  
 This invention provides a method of treating a subject afflicted with severe acute respiratory syndrome (SARS), comprising administering to the subject an amount of an interferon polypeptide effective to reduce the concentration of SARS-associated...  
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- ☐ **44. HETEROCYCLIC COMPOUNDS THAT BLOCK THE EFFECTS OF ADVANCED GLYCATION END PRODUCTS (AGE)**  
**YELESWARAPU, Koteswar, Rao / MANOJIT, Pal / VEDULA MANOHAR, Sharma / AKELLA, Venkateswarlu / PILLARISETTI, Sivaram / PADAKANTI, Srinivas / KALLEDA, Srinivasa, Rao / (...) / S LABORATORIES LTD, PATENT COOPERATION TREATY APPLICATION**, May 2005

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Or  
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The present invention relates to novel compounds of Formula (Ia) or (Ib), their pharmaceutically acceptable salts and pharmaceutically acceptable compositions containing them. Formula (Ia), or Formula (Ib) in the above formulae L represents Formula...

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☐ **45. COMBINATIONS OF ALPHA-2-DELTA LIGANDS AND ACETYLCHOLINESTERASE INHIBITORS**

**FIELD, Mark, John / WILLIAMS, Richard, Griffith / PFIZER LIMITED, PATENT COOPERATION TREATY APPLICATION, Mar 2005**


The instant invention relates to a combination of an alpha-2-delta ligand and an AChE inhibitor for use in therapy, particularly in the treatment of pain, particularly neuropathic pain. Particularly preferred alpha-2-delta ligands are gabapentin and...

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☐ **46. COMBINATIONS COMPRISING ALPHA-2-DELTA LIGANDS AND SEROTONIN / NORADRENALINE RE-UP TAKE INHIBITORS**

**DOOLEY, David, J. / FIELD, Mark, John / WILLIAMS, Richard, Griffith / PFIZER LIMITED, PATENT COOPERATION TREATY APPLICATION, Mar 2005**

The instant invention relates to a combination, particularly a synergistic combination, of an alpha-2-delta ligand and a dual serotonin- noradrenaline re-uptake inhibitor (DSNRI) or one or both of a selective serotonin re-uptake inhibitor (S SRI) and...

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☐ **47. ANTI-AMYLOID ANTIBODIES, COMPOSITIONS, METHODS AND USES**

**MERCKEN, Marc / BENSON, Jacqueline, M. / CENTOCOR, INC., PATENT COOPERATION TREATY APPLICATION, Mar 2005**

The present invention relates to at least one novel anti-amyloid antibody, including isolated nucleic acids that encode at least one anti-amyloid antibody, amyloid, vectors, host cells, transgenic animals or plants, and methods of making and using...

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☐ **48. RIFAMYCIN ANALOGS AND USES THEREOF**

**DUZER, John, H., Van / MICHAELIS, Arthur, F. / RAKER, Joseph / STAFFORD, Douglas, G. / GEISS, William, B. / ACTIVBIOTICS, INC., PATENT COOPERATION TREATY APPLICATION, Mar 2005**

...tolmetin, celecoxib, rofecoxib, aspirin, **choline** salicylate, salsalte, and sodium and...The invention also features a stent **coated** with a compound of formula (I). The stent...stapedectomy, removal of tumors, or cochlear **implant** surgery. The compositions may also be...sulindac, tolmeting, celecoxib, rofecoxib, **choline** salicylate, salsate, sodium salicylate...

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☐ **49. EXPANDABLE STENT**

**PENN, Ian, M. / RICCI, Donald, R. / SHUKOV, George, A. / Evysio Medical Devices Ulc, EUROPEAN PATENT, Apr 2000**

...improved flexibility and stability while being able to be readily **implanted** with little or no trauma to the target lumen. An improved expandable...would also be desirable if such stent was relatively easy to **implant**. It would be further desirable if such a stent were capable...

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☐ **50. THERAPEUTIC USE OF G53135-05(FGF-20) IN RADIATION PROTECTION**

**ALVAREZ, Enriquez / MACLACHLAN, Timothy, K. / NARAYANAN, Bisni /**



**CURAGEN CORPORATION, PATENT COOPERATION TREATY APPLICATION, Mar 2005**

The present invention relates to methods of preventing or treating one or more symptoms associated with radiation exposure. In particular, the present invention provides methods of preventing or treating one or more symptoms (e.g., gastrointestinal...

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☐ **51. TARTARUS [PDF-2MB]**

Jul 2000

...associated with fouling, and with medical **implant** devices and biosensors. Adsorption of proteins to **implants** and biomaterials is known to cause problems...construction or in medicine as orthopedic **implant** devices, rely on the presence of passive...

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☐ **52. Donald Hicks1 Joe Stoner2 1Georgia State University 33 [PDF-2MB]**

Jul 2004


1. GEORGIA SECTION'S AWARD-WINNING GOVERNMENT AFFAIRS ACTIVITIES. Thomas Netzel1, Donald Hicks1, Joe Stoner2; 1Georgia State University, 33 Gilmer St SE, GA; 2Alcott Chromatography, Inc.

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☐ **53. SYNTHETIC ANTIMICROBIAL POLYPEPTIDES**

**HOEGENHAUG, Hans-Henrik, Kristensen / NOVOZYMES A/S, PATENT COOPERATION TREATY APPLICATION, Mar 2005**

The present invention relates to polypeptides having antimicrobial activity and polynucleotides having a nucleotide sequence which encodes for the polypeptides. The invention also relates to nucleic acid constructs, vectors, and host cells comprising...

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☐ **54. METHODS FOR TREATING COGNITIVE IMPAIRMENT AND IMPROVING COGNITION**

**EPSTEIN, Mel, H. / WIIG, Kjesten, A. / CARPENTER, Randall, C. / ARNOLD, H., Moore / SENTION, INC., PATENT COOPERATION TREATY APPLICATION, Jan 2005**

Cognitive impairments are treated and cognition is improved with an amphetamine compound. In one embodiment, the method includes administering an I-amphetamine compound. In another embodiment, the method includes administering an 1-methamphetamine...

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☐ **55. GLYCYRRHIZIN OR DERIVATIVES THEREOF FOR TREATING OR PREVENTING SEVERE ACUTE RESPIRATORY SYNDROME (SARS)**

**CINATL, Jindrich / DOERR, Hans, Wilhelm / HOVER, Gerold / MICHAELIS, Martin / JOHANN WOLFGANG GOETHE UNIVERSITY, PATENT COOPERATION TREATY APPLICATION, Dec 2004**

...may be achieved by, for example, and not by way of limitation, local infusion, by injection, or by means of an **implant**, said **implant** being of a porous, non-porous, or gelatinous material, including membranes, such as sialastic membranes, or fibers...

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☐ **56. COMPOSITIONS AND METHODS FOR TREATING, PREVENTING AND/OR AMELIORATING CANCERS, THE ONSET OF CANCERS OR THE SYMPTOMS OF...**

**DIAL, Elizabeth, J. / LICHTENBERGER, Lenard, M. / THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, PATENT COOPERATION TREATY APPLICATION, Feb 2005**

...the body near cancer cells (internal radiation therapy, -S **implant** radiation,

or brachytherapy). Systemic radiation therapy uses... without limitation, phosphatidylcholines such as phosphatidyl **choline** (PC), dipalmitoylphosphatidylcholine (DPPC), other disaturated...

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57. [Microsoft Word - 3D345860-1442-D1E4.doc](#) [PDF-205K]

Jul 2002

...10 1.5 Cross-section of an **implant** oedge-terminated Schottky barrier diode...12 1.6 Cross section of SBD with Argon **implant** edge termination...SiC SBD fabricated at MCASP with argon **implant** edge termination..... 15 1.9 SiC...spectra of a 1.17  $\mu\text{m}$  AZ 1350J photoresist **coated** on quartz and recorded before and after...

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58. [PRVI KONGRES HRVATSKIH ZNANSTVENIKA IZ DOMOVINE I INOZEMSTVA](#) [PDF-2MB]

Jan 2005


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59. [NOVEL FIBROBLAST GROWTH FACTORS AND METHODS OF USE THEREOF](#)  
**PETERSON, Jeffrey / SCIORE, Paul / CURAGEN CORPORATION, PATENT COOPERATION TREATY APPLICATION**, Nov 2004

The present invention relates to compositions and methods of treatment of various conditions, including but are not limited to, stroke, wound healing, and joint diseases (e.g., osteoarthritis and rheumatoid arthritis). More particularly, the...

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60. [GLAUCOMA TREATMENT DEVICE AND METHOD](#)

**BROWN, J., David / BROWN, J., David, PATENT COOPERATION TREATY APPLICATION**, Sep 2002

...polypropylene, polymethyl **methacrylate**, and polytetrafluoroethylene...external surface of the body is **coated** with a porous cellular ingrowth...sclera when the - 2 device is **implanted**. The remaining surfaces...device -- are preferably **coated** with a big-inert surface...eye when the device is 20 **implanted** in the sclera. Preferably...example, include phosphoryl **choline** or polyethylene oxide. The...

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☐ **61. ANTIMICROBIAL POLYPEPTIDES**

**SEGURA, Dorotea, Raventos / MYGIND, Per, Holse / HOEGENHAUG, Hans-Henrik, Kristensen / TOSSI, Alessandro / NOVOZYMES A/S, PATENT COOPERATION TREATY APPLICATION, Dec 2004**


The present invention relates to polypeptides having antimicrobial activity and polynucleotides having a nucleotide sequence which encodes for the polypeptides. The invention also relates to nucleic acid constructs, vectors, and host cells comprising...

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☐ **62. ANTIMICROBIAL POLYPEPTIDES**

**SEGURA, Dorotea, Raventos / MYGIND, Per, Holse / HOEGENHAUG, Hans-Henrik, Kristensen / TOSSI, Alessandro / NOVOZYMES A/S, PATENT COOPERATION TREATY APPLICATION, Dec 2004**

The present invention relates to polypeptides having antimicrobial activity and polynucleotides having a nucleotide sequence which encodes for the polypeptides. The invention also relates to nucleic acid constructs, vectors, and host cells comprising...

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☐ **63. cnsprogrambook [PDF-2MB]**

Mar 2002

FOUNDING MEMBERS F. S. Barringer Leon M. Becker Carrol A. Brown Bland W. Cannon Richard L. DeSaussure John W. Devanney Franklin Earnest III Edward M. Gates James R. Gay Philip D. Gordy Warren C.

[<http://btc.mgh.harvard.edu/docs/cnsprogrambook.pdf>]

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☐ **64. Thesis Final.indd [PDF-438K]**



May 2004

...Hydrogel Synthesis 136 7.2.4 Neutravidin **Coated** Hydrogels 136 7.2.5 Water Content and...hydrogel synthesis 166 8.2.4 Neutravidin **coated** hydrogels 166 8.2.5 Size and zeta potential...ethanolamine DOPC: dioleoylphosphatidyl **choline** Chol: cholesterol. 15 Figure 2-3 Structure...

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Jun 2004  
...717 - 724. 3 Ahn CY, WW.Shaw, K.Narayanan, DP.Gorczyca, S.Sinha, ND.Debruhl, LW.BassetT. Definitive diagnosis of breast **implant** rupture using magnetic resonance imaging. *Plastic and Reconstructive Surgery* 1993, 92: 681- 691. Ahn EK, Lee YC, Zhan H-Y...T, Noguchi T, Ohgoe Y, Matsuda T, Hirakuri K, Funakubo A, Sakai K, Fukui Y. Engineering analysis of diamond-like carbon **coated** polymeric materials for biomedical applications. *Artif Organs*. 2000,24(8):624-7. 4 Al-Awami M, Maca Th, Bartok A, Gschwandtner...  
[<http://www.comp.glam.ac.uk/pages/staff/pplasma/MedIma...>]  
similar results
- ❑ **67.** [ACNS cover for PDF](#) [PDF-697K]  
May 2004  
The conference is being organized under the auspices of the Neutron Scattering Society of America (NSSA) and is sponsored by the North American neutron centers.  
[<http://www.ncnr.nist.gov/acns/program/ACNS2004Program....>]  
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- ❑ **68.** [EPHA2, HYPOPROLIFERATIVE CELL DISORDERS AND EPITHELIAL AND ENDOTHELIAL RECONSTITUTION](#)  
**KIENER, Peter, A. / KINCH, Michael, S. / LANGERMANN, Solomon / MEDIMMUNE, INC., PATENT COOPERATION TREATY APPLICATION**, Oct 2004  
The present invention relates to methods and compositions designed for the treatment, management, or prevention of a hypoproliferative cell disorder, especially those disorders relating to the destruction, shedding, or inadequate proliferation of...  
**Full text available at patent office. For more in-depth searching go to**  LexisNexis  
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- ❑ **69.** [HIGH CONTRAST OPTOACOUSTICAL IMAGING USING NANOPARTICLES](#)  
**HENRICHS, Paul, M. / ORAEVSKY, Alexander, A., PATENT COOPERATION TREATY APPLICATION**, Aug 2004  
...of this invention. In an embodiment, a nanoparticulate aggregate is so ordered and the nanoparticles are at least partially **coated** with organic material, such organic material suitably comprising genetic material to ordain such order. Dimension In the practice...  
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- ❑ **70.** [Human Physiology, Stark, Cumulative lecture outline](#) [145K]  
Dec 2004  
...phagocytosis - cell eating pinocytosis - cell drinking TRANSPARENCY (Fig. 3.4, Fox) receptor mediated endocytosis - clathrin **coated** Also holes in membranes from one cell to another are important: TRANSPARENCY (Fig. 7.19, Fox) Gap junctions - 2 hexamers in...  
[<http://starklab.slu.edu/Physio/Cumulative.htm>]  
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- ❑ **71.** [CANNABINOID RECEPTOR INVERSE AGONISTS AND NEUTRAL ANTAGONISTS AS THERAPEUTIC AGENTS FOR THE TREATMENT OF BONE DISORDERS](#)  
**RALSTON, Stuart, Hamilton / GREIG, Iain, Robert / ROSS, Ruth, Alexandra /**

**MOHAMED, Aymen, Ibrahim, Idris / VAN'apos / T HOF, Robert, Jurgen / THE UNIVERSITY COURT OF THE UNIVERSITY OF ABERDEEN, PATENT COOPERATION TREATY APPLICATION, Sep 2004**


The present invention pertains to cannabinoid (CB) receptor inverse agonists and neutral antagonists, and especially CB1 and CB2 inverse agonists and neutral antagonists; such as, for example, certain pyrazole compounds; their use in the inhibition of...

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☐ **72. ALPHA-2-DELTA LIGANDS TO TREAT OCD AND RELATED DISEASES**

**BERTRAND, Claude, Philippe / CHOVET, Maria, Emilia, Pereira, Chicau / GEPPETTI, Pierangelo / TAYLOR, Jr., Charles, Price / THORPE, Andrew, John / WUSTROW, David, Juergen / WARNER-LAMBERT COMPANY LLC, PATENT COOPERATION TREATY APPLICATION, Jul 2004**

The instant invention relates to the use of an alpha-2-delta ligand in the treatment of chronic obstructive pulmonary disease (COPD) and diseases associated with a diagnosis of COPD, and particularly to the treatment of chronic cough, which may be...

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☐ **73. Divisione di Chimica Fisica [PDF-472K]**

Jun 2005

...Busco .....89 Physicochemical Investigation of Surfactant-**Coated** Gold Nanoparticles Synthesized in Dry Reversed Micelles C. Giordano, A. Ruggirello, V. Turco Liveri...  
[http://www.chim.unisi.it/cf05/book.pdf]

**similar results**

☐ **74. No Job Name [PDF-138K]**

Feb 2000

...than 10 nm with current densities of 1-10 A/cm<sup>2</sup> are routinely available.40 The LMIG normally consists of a field emitter tip **coated** with Ga. A high electric field extracts Ga<sup>+</sup> ions from the tip, and the ions are focused onto the sample via ion optics. To achieve...  
[http://nxw.mri.psu.edu/nxw/pdf%5c260.pdf]

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☐ **75. May 23 2001 13 : 7 Annual Reviews AR132 - 10 [PDF-67K]**

Jun 2001

...Figure 1 Structural features of lipids, using a glycerophospholipid (phosphatidylcholine) as an example. compounds such as **choline**, ethanolamine, or serine to form phosphatidylcholine, phosphatidylethanolamine, or phosphatidylserine, respectively. Such head...

[http://biomaterials.bme.northwestern.edu/Papers/annrev...]

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☐ **76. Clausen TG Eriksen J Borgbjerg FM Legal opioid [PDF-364K]**

Dec 2004

...Christensen B, Salomon G, Pedersen CB, Friberg L. Regional cerebral activation during auditory stimulation in patients with cochlear **implants**. Arch Otolaryngol Head Neck Surg 1995 121: 438-44. Vesterager V, Parving A. Rehabilitation of hearing- impaired children: intervention...

[http://www.rigshospitalet.dk/direktion.nsf/pics/Videns...]

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☐ **77. SALTS OF CODRUGS OF AN OPIOID TOGETHER WITH A SECOND ACTIVE MOIETY AND USES THERETO**

**ASHTON, Paul / CYNKOWSKI, Tadeusz / CYNKOWSKA, Grazyna / CONTROL DELIVERY SYSTEMS, INC., PATENT COOPERATION TREATY APPLICATION, Aug 2004**

...mesylate, acetate, etc., is used) . This change in solubility can be used to affect the rate of release of the drug, e.g., from an **implant**, delivery device, gel injection, etc. One

aspect of the present invention provides a salt of a codrug, wherein the codrug comprises...

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[similar results](#)

- ☐ **78.** [Microsoft Word - Liste des publications CRBA au 18 02 04.doc](#) [PDF-79K]  
Feb 2004

...448-451 (1978). CRBA 41. Les **implants** biodégradables en chirurgie...of dipalmitoylphosphatidyl- **choline** vesicle membranes by a degradable...reinforced-PLA (polylactic acid) as an **implant** material for bone surgery P...cisplatin from bioresorbable **implants** in mice B. Hecquet, F. Chabot...  
[<http://www.crba.univ-montp1.fr/publications.pdf>]  
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- ☐ **79.** [titl\\_fly.p65](#) [PDF-628K]  
Aug 2000

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[<http://www.delphion.com/derwent/docs/Title%20Terms.pdf>]  
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- ☐ **80.** [FORMULATIONS AND METHODS FOR PROVIDING PROLONGED LOCAL ANESTHESIA CHASIN, Mark / GOLDENHEIM, Paul / SACKLER, Richard / TIGNER, Joseph / BURCH, Ronald Martin / Euroceltique S.A., EUROPEAN PATENT](#), Jun 1997  
...reversible loca numbness or analgesia when **implanted** or injected in a patient, and a non...for inducing localized anesthesia by **implanting**, inserting or injecting a controlled...be applied, injected, infiltrated or **implanted** at a site in a patient where the local...release matrix having the augmenting agent **coated** on the surface thereof. In yet additional...

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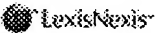
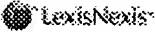
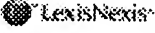
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- ☐ **81. HETERO-SUBSTITUTED BENZIMIDAZOLE COMPOUNDS AND ANTIVIRAL USES THEREOF**  
**LACKEY, John, William / TRIMERIS, INC., PATENT COOPERATION TREATY APPLICATION**, May 2004  
 The present invention relates to novel hetero-substituted benzimidazole compounds that have useful antiviral activity. More specifically, the invention encompasses hetero-substituted benzimidazole compounds that inhibit membrane fusion associated...  
**Full text available at patent office. For more in-depth searching go to**  [LexisNexis](#) similar results
- ☐ **82. MITONEET POLYPEPTIDE FROM MITOCHONDRIAL MEMBRANES, MODULATORS THEREOF, AND METHODS OF USING THE SAME**  
**COLCA, Jerry, R. / MCDONALD, William, G. / PHARMACIA CORPORATION, PATENT COOPERATION TREATY APPLICATION**, Jun 2004  
 The invention relates generally to a family of polypeptides from mitochondrial membranes, which bind insulin sensitizing, antidiabetic thiazolidinediones, and nucleic acid sequences encoding the family of polypeptides. The invention relates to methods...  
**Full text available at patent office. For more in-depth searching go to**  [LexisNexis](#) similar results
- ☐ **83. HETEROLOGOUS PLASMA COCKTAIL FOR HIV TREATMENT**  
**TOLETT, Malcolm, A. / IMUTEX PHARMACEUTICALS, INC., PATENT COOPERATION TREATY APPLICATION**, Apr 2004  
 ...two, which determine how blood samples are collected. To prevent conversion to serum, plasma is typically collected in tubes **coated** with an anticoagulant, or anticoagulant is added to the blood shortly after collection. Common additives used to prevent coagulation...  
**Full text available at patent office. For more in-depth searching go to**  [LexisNexis](#) similar results
- ☐ **84. SUBSTITUTED GLYCINE DERIVATIVES FOR USE AS MEDICAMENTS**  
**BLAKEMORE, David, Clive / BRYANS, Justin, Stephen / MAW, Graham, Nigel / RAWSON, David, James / THOMPSON, Lisa, Rosemary / CHU, Wai-Lam, Alexis / PFIZER LIMITED, PATENT COOPERATION TREATY APPLICATION**, Feb 2004  
 ...formed from bases which form non-toxic salts and examples are 25 the sodium, potassium, aluminium, calcium, magnesium, zinc, **choline**, diolamine, olamine, arginine,

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glycine, tromethamine, benzathine, Iysine, meglumine and diethylamine salts. Salts with quaternary...

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☐ **85. SYNERGISTIC COMBINATION OF AN ALPHA-2-DELTA LIGAND AND A PDEV INHIBITOR FOR USE IN THE TREATMENT OF PAIN**

**FIELD, Mark, John / WILLIAMS, Richard, Griffith / PFIZER LIMITED, PATENT COOPERATION TREATY APPLICATION, Feb 2004**

The instant invention relates to a combination of an alpha-2-delta ligand and a PDEV inhibitor for use in therapy, particularly in the curative, prophylactic or palliative treatment of pain, particularly neuropathic pain. Particularly preferred...

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☐ **86. THERAPEUTIC USE OF ARYL AMINO ACID DERIVATIVES**

**MAW, Graham, Nigel / RAWSON, David, James / THOMPSON, Lisa, Rosemary / PFIZER LIMITED, PATENT COOPERATION TREATY APPLICATION, Feb 2004**


...are formed from bases which form non-toxic salts and examples are the sodium, potassium, aluminium, calcium, magnesium, zinc, **choline**, diolamine, 30 olamine, arginine, glycine, tromethamine, benzathine, Iysine, meglumine and diethylamine salts. Salts with quaternary...

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☐ **87. POLYMERS AND POLYMERISATION PROCESSES**

**LEWIS, Andrew, Lennard / BIOCOMPATIBLES LIMITED, PATENT COOPERATION TREATY APPLICATION, May 2002**

...polymerisable phosphoryl **choline** compounds as emulsifier...inner salt) (SPE), with ethyl **methacrylate** and acrylamide, in an aqueous...copolymers with higher alkyl **methacrylate** comonomers, blended with...suitable organic solvent may be **coated** onto a surface to form a...properties of a substrate **coated** with the polymer to be tailored...

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☐ **88. Winter ecology of tits ("Paridae") in boreal and subalpine forests: social organisation and the role of food hoarding.**

**Brotons Alabau, Lluís, Feb 2002**


The main objective of this thesis is to analyse the variation in non-breeding social systems within the group of parids and to identify the main factors involved. More specifically, I studied the role of food hoarding on the structure of winter social ...

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☐ **89. ESM-1 GENE DIFFERENTIALLY EXPRESSED IN ANGIOGENESIS, ANTAGONISTS THEREOF, AND METHODS OF USING THE SAME**

**GRIGGS, David, W. / HEAD, Richard, D. / MAZZARELLA, Richard / WEINSTEIN, Edward, J. / PHARMACIA CORPORATION, PATENT COOPERATION TREATY APPLICATION, Jan 2004**

The invention relates a nucleic acid and its encoded polypeptide ESM-1, whose expression is modulated in angiogenesis and oncogenesis. The invention also relates to antibodies having specificity for said polypeptide. The present invention also relates...

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☐ **90. CONTACT LENS CLEANING SOLUTIONS COMPRISING A ZWITTERIONIC COPOLYMER**

**MUIR, Andrew, Victor, Graham / STRATFORD, Peter, William / JONES, Stephen, Alister / ROWAN, Lee / JESSEE, Charles, Bret / WILLIS, Sean, Leo / BOWERS, Roderick, Johnathan, William / BIOCOMPATIBLES LIMITED, PATENT COOPERATION TREATY APPLICATION, Jun 1999**



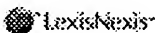
...polymers were to coat **implants**, prostheses, membrane...surfaces, to produce **coated** articles to be used...insoluble and were **coated** from solutions in an...methacrylate, 2-hydroxyethyl **methacrylate** and styrene. The contact...polymer will remain **coated** on the surface during...contact lenses or ocular **implants** or containers thereof...

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☐ **91. NOVEL BIOMATERIALS, THEIR PREPARATION AND USE**

**SZENTE, Lajos / SZEJTLI, Jozsef / KIS, Gyö / rgy, Lajos / SCHUCH, Christian / NOVARTIS AG, PATENT COOPERATION TREATY APPLICATION, Oct 2003**

The present invention relates to novel materials, particularly biomaterials, in form of a precipitate, comprising at least an anionic polymeric component which is as such soluble in water and an amphiphilic ammonium-type component, which precipitate...

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☐ **92. METHOD AND APPARATUS FOR PREPARING BIOMIMETIC SCAFFOLD**

**CAMPBELL, Phil, G. / CARNEGIE MELLON UNIVERSITY, PATENT COOPERATION TREATY APPLICATION, Oct 2003**

...biomimetic scaffold structure is implantable. The scaffold **implant** may be permanent or may be biodegradable. In another embodiment...ex vivo and then administered to a patient (e.g., surgically **implanted** or attached to a host organism). Alternatively, biomimetic...

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☐ **93. ARTHROSCOPIC REPLACEMENT OF CARTILAGE USING FLEXIBLE INFLATABLE ENVELOPES**

**MANSMANN, Kevin, A. / MANSMANN, Kevin, A., PATENT COOPERATION TREATY APPLICATION, Mar 2000**

...areas of cartilage, using cell **implant** techniques, have low success...a hydroxyalkyl acrylate or **methacrylate**), into a joint such as the...discussions of biocompatible **implant** materials are also available...devices for arthroscopically **implanting** a completely synthetic, permanent...

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☐ **94. EXPANDABLE STENT**

**PENN, Ian, M. / RICCI, Donald, R. / EVYSIO MEDICAL DEVICES ULC, EUROPEAN PATENT, Jan 1999**

...improved flexibility and stability while being able to be readily **implanted** with little or no trauma to the target lumen. In our Canadian...would also be desirable if such a stent was relatively easy to **implant**. It would be further desirable if such a stent were capable...

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**PENN, Ian, M. / RICCI, Donald, R. / EVYSIO MEDICAL DEVICES ULC, EUROPEAN PATENT, Jan 1999**

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☐ **96. Photoresist development on SiC and its use as an etch mask for SiC plasma etch**

**Mishra, Ritwik., Jan 2002**

...10 1.5 Cross-section of an **implant** -edge-terminated Schottky barrier diode...12 1.6

Cross section of SBD with Argon **implant** edge termination...SiC SBD fabricated at MCASP with argon **implant** edge termination..... 15 1.9 SiC...spectra of a 1.17 µm AZ 1350J photoresist **coated** on quartz and recorded before and after...

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☐ **97. DEVICE FOR USE IN THE EYE**

**ALLAN, Bruce, Duncan, Samuel / MUIR, Andrew, Victor, Graham / JONES, Stephen, Alister / BIOCOMPATIBLES LIMITED, PATENT COOPERATION TREATY APPLICATION**, Jul 1998

...in the eye, specifically to a drainage **implant** for a glaucoma patient, and to a method...another form of GFS, a glaucoma filtration **implant** (GFI) is inserted into the GFS channel...most ophthalmic surgeons, is the Molteno **implant**. This consists of a flexible silicone...

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☐ **98. MODIFIED RELEASE DOSAGE FORMS**

**LEE, Der-Yang / LI, Shun-Por / SOWDEN, Harry, S. / THOMAS, Martin / WYNN, David / MCNEIL-PPC, INC., PATENT COOPERATION TREATY APPLICATION**, Apr 2003  
...beneficial use for such partially **coated** dosage forms include as containers...cellulose acetate, ammonia **methacrylate** copolymer type B. shellac...mucosal delivery, or subcutaneous **implants**, or other **implanted** drug delivery systems or compositions...


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**WEINSTEIN, Edward, J. / HEAD, Richard, D. / MAZZARELLA, Richard / GRIGGS, David, W. / PHARMACIA CORPORATION, PATENT COOPERATION TREATY APPLICATION**, Oct 2003

The invention relates generally to the identification of nucleic acids and their encoded polypeptides, particularly VCC1, whose expression is modulated in angiogenesis. These nucleic acids and proteins have not previously been identified as having a...

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☐ **100. Biomedical surface science: Foundations to frontiers**

**Castner, D.G. / Ratner, B.D., Surface Science**, Mar 2002

...been adopted in medical and biological technology. Consider **implant** biomaterials, blood oxygenators, hemodialysis, affinity chromatography...know them today were developed. These were used for eye lens **implants** (intraocular lenses), hip joint replacements and blood contacting...

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